**How is electricity made?**

Electricity is made by a generator that produces energy by spinning. It spin because it has something that causes the generator make it spin. That something can be: a pinwheel, a crank, a bicycle, a water wheel, a diesel engine, a jet engine or more. They are all different but it’s the same general idea. Electric generators are essentially very large magnets at very high speeds.

Every different resource that you are using makes a different amount of energy, for example gas and oil makes a different amount of energy.

SOLAR PANNELS

* Solar panels are like a sponge.
* They catch the sunbeams and transform it into energy.

WIND TURBINES

* The wind turbines work only if they get wind.
* When the wind blows the start to spin
* When it starts to spin it gets energy and by a cable it sends it to the step-up transformer which is a box that gets energy from it and brings it to the electrical grids.

OIL

* Oil is a substance we use to make our cars.
* Like we use it for the cars we can use it to make energy.
* To create energy you need to put the oil in the generator so that the generator burns the oil and transform it into energy and by big cables the electricity is brought to all the houses, apartments, buildings and more where you see energy.